and T. Ojima



CONTENTS OF VOLUME 157

Vol. 157B. No. 1

General papers T.D. Bifano, T.G.P. Alegria and Transporters involved in glucose and water absorption in the Dysdercus W.R. Terra peruvianus (Hemiptera: Pyrrhocoridae) anterior midgut H.J. Yuasa, H.J. Ball, C.J.D. Austin and N.H. Hunt 10 1-L-methyltryptophan is a more effective inhibitor of vertebrate IDO2 enzymes than 1-D-methyltryptophan L. Velkova, I. Dimitrov, H. Schwarz, S. Stevanovic, 16 Structure of hemocyanin from garden snail Helix lucorum W. Voelter, B. Salvato and P. Dolashka-Angelova M. Ueda, T. Goto, M. Nakazawa, K. Miyatake, 26 A novel cold-adapted cellulase complex from Eisenia foetida: Characterization of a M. Sakaguchi and K. Inouye multienzyme complex with carboxymethylcellulase, β -glucosidase, β -1,3 glucanase, and β-xylosidase C.A. Drummond, K.P. Vandock, S.L. Smith and Cyclic 3', 5', guanosine monophosphate and larval midgut ecdysone 20-mono-33 oxygenase activity of the tobacco hornworm, Manduca sexta C.F. Fioravanti Composition and metabolism of carbohydrates and lipids in Sparus aurata semen F. Lahnsteiner, N. Mansour and S. Caberlotto 39 and its relation to viability expressed as sperm motility when activated S. Sato, M. Nishizuka, M. Asano, T. Ohtake, 46 RNA interference-mediated knockdown of the mouse gene encoding potassium M. Imagawa and E. Kobayashi channel subfamily K member 10 inhibits hormone-induced differentiation of 3T3-L1 preadipocytes Q. Pang, X. Liu, B. Zhao, Y. Jiang, F. Su, X. Zhang, 54 Detection and characterization of phenoloxidase in the freshwater planarian M. Nie, M. Zhang and H. Sun Dugesia japonica Y. Fan, S. Li, J. Qi, L. Zeng, Q. Zhong and 59 Cloning and characterization of type II interleukin-1 receptor cDNA from Japanese flounder (Paralichthys olivaceus) S. Ituarte, M.S. Dreon, M.Y. Pasquevich, Carbohydrates and glycoforms of the major egg perivitellins from Pomacea apple 66 P.E. Fernández and H. Heras snails (Architaenioglossa: Ampullariidae) A. Chirumamilla, J.S. Buckner, G.D. Yocum, Internal lipids of sugarbeet root maggot (Tetanops myopaeformis) larvae: Effects 73 C.L. Fatland and M.A. Boetel of multi-year cold storage L.B. Silva, A.P. Reis, E.J.G. Pereira, M.G.A. Oliveira 80 Altered cysteine proteinase activity in insecticide-resistant strains of the maize and R.N.C. Guedes weevil: Purification and characterization E. Chao, H.-W. Kim and D.L. Mykles 88 Cloning and tissue expression of eleven troponin-C isoforms in the American lobster, Homarus americanus J.-M. Jeon, S.-O. Lee, K.S. Kim, H.-J. Baek, S. Kim, 102 Characterization of two vitellogenin cDNAs from a Pandalus shrimp (Pandalopsis I.-K. Kim, D.L. Mykles and H.-W. Kim japonica): Expression in hepatopancreas is down-regulated by endosulfan exposure Retinoid storage in the egg of reptiles and birds T. Irie, T. Sugimoto, N. Ueki, H. Senoo and T. Seki 113 cDNA sequence and expression analysis of an antimicrobial peptide, theromacin, Q. Xu, G. Wang, H. Yuan, Y. Chai and Z. Xiao 119 in the triangle-shell pearl mussel Hyriopsis cumingii M. Słowińska, M. Olczak, E. Liszewska, 127 Isolation, characterization and cDNA sequencing of acrosin from turkey spermatozoa W. Watorek and A. Ciereszko U.A. Zahura, M.M. Rahman, A. Inoue, H. Tanaka 137 An endo-β-1,4-mannanase, AkMan, from the common sea hare Aplysia kurodai

Vol. 157B, No. 2

vi	ew
	vi

A. Fujisawa, W.C. Dunlap and Y. Yamamoto 145 Vitamin E protection in the biochemical adaptation of marine organisms to cold-water environments

General papers

- C.-J. Li, L. Liu, X.-H. Chen, T. Zhang, F. Gan and B.-L. Cheng 159 Identification of a vasa homologue gene in grass carp and its expression pattern in tissues and during embryogenesis
- R. Iziga, M. Ponce, C. Infante, L. Rebordinos, J.P. Cañavate and M. Manchado

 Molecular characterization and gene expression of thyrotropin-releasing hormone in Senegalese sole (Solea senegalensis)
- U. Hoeger and G. Geier 175 Extreme nucleoside concentrations in a marine annelid: A novel nucleoside storing cell in the polychaete *Nereis virens*
- C. Mu, D. Ni, J. Zhao, L. Wang, L. Song, L. Li,
 H. Zhang, L. Qiu and M. Cong

 cDNA cloning and mRNA expression of a selenium-dependent glutathione peroxidase from Zhikong scallop *Chlamys farreri*
- E. Boukouvala, M.J. Leaver, L. Favre-Krey,
 M. Theodoridou and G. Krey

 Molecular characterization of a gilthead sea bream (Sparus aurata) muscle tissue cDNA for carnitine palmitoyltransferase 1B (CPT1B)
- N.N. Kim, D.-H. Jin, J. Lee, G.-S. Kil and C.Y. Choi

 198

 Upregulation of estrogen receptor subtypes and vitellogenin mRNA in cinnamon clownfish Amphiprion melanopus during the sex change process: Profiles on effects of 17B-estradiol
- A. Tetsukawa, J. Nakamura and S. Fujiwara

 205 Identification of chondroitin/dermatan sulfotransferases in the protochordate,
 Ciona intestinalis
- J. Peragón, M. De La Higuera and J.A. Lupiáñez

 213 Dietary protein differentially regulates the kinetic behaviour of serine dehydratase and tyrosine aminotransferase of liver and white muscle of rainbow trout (Oncorhynchus mykiss)
- M.A. Dietrich, J. Nynca, B. Bilińska, J. Kuba,
 M. Kotula-Balak, H. Karol and A. Ciereszko

 220 Identification of parvalbumin-like protein as a major protein of common carp (Cyprinus carpio L) spermatozoa which appears during final stage of spermatogenesis

Vol. 157B, No. 3

General papers

- M. Damara and A. Dutta-Gupta
 229 Identification of 86 kDa protein as methionine rich hexamerin in the rice moth,
 Corcyra cephalonica
- N.Y. Kim, S.J. Ahn, A.R. Lee, J.S. Seo, M.-S. Kim, J.K. Chung and H.H. Lee 238 Cloning, expression analysis and enzymatic characterization of cathepsin S from olive flounder (*Paralichthys olivaceus*)
- **B.M. Cleveland and J.P. Evenhuis**248 Molecular characterization of atrogin-1/F-box protein-32 (FBXO32) and F-box protein-25 (FBXO25) in rainbow trout (*Oncorhynchus mykiss*): Expression across tissues in response to feed deprivation
- I. Seiliez, J. Gutierrez, C. Salmerón,
 S. Skiba-Cassy, C. Chauvin, K. Dias,
 S. Kaushik, S. Tesseraud and S. Panserat

 An in vivo and in vitro assessment of autophagy-related gene expression in muscle of rainbow trout (*Oncorhynchus mykiss*)
- J.D. Willis, W.E. Klingeman, C. Oppert,
 B. Oppert and J.L. Jurat-Fuentes

 Characterization of cellulolytic activity from digestive fluids of *Dissosteira carolina*(Orthoptera: Acrididae)
- **R.-J. Shen, X.-Y. Jiang, J.-W. Pu and S.-M. Zou**273 HIF- 1α and -2α genes in a hypoxia-sensitive teleost species *Megalobrama* amblycephala: cDNA cloning, expression and different responses to hypoxia
- S. Boussaid-Om Ezzine, N. Everaert,
 S. Métayer-Coustard, N. Rideau, C. Berri,
 R. Joubert, S. Temim, A. Collin and S. Tesseraud

 Effects of heat exposure on Akt/S6K1 signaling and expression of genes related to protein and energy metabolism in chicken (Gallus gallus) pectoralis major muscle
- P. Kilgas, V. Tilgar, R. Külavee, L. Saks, P. Hõrak and R. Mänd

 Antioxidant protection, immune function and growth of nestling great tits *Parus major* in relation to within-brood hierarchy

D. Dziewulska-Szwajkowska and A. Dżugaj 294 Kinetic properties of Pelophylax esculentus muscle FBPase J.L. Beaudry and G.B. McClelland 301 Thermogenesis in CD-1 mice after combined chronic hypoxia and cold acclimation R.A.V. Bell and K.B. Storey 310 Regulation of liver glutamate dehydrogenase by reversible phosphorylation in a hibernating mammal Vol. 157B, No. 4 General papers Isolation and characterization of two alginate lyase isozymes, AkAly28 and M.M. Rahman, A. Inoue, H. Tanaka and 317 T. Ojima AkAly33, from the common sea hare Aplysia kurodai A. Bergamo Estrela, A. Seixas, 326 Vitellin- and hemoglobin-digesting enzymes in Rhipicephalus (Boophilus) microplus V. de Oliveira Nunes Teixeira, larvae and females A.F.M. Pinto and C. Termignoni W. Chen, Y. Wang, W. Li and H. Lin 336 Insulin-like growth factor binding protein-2 (IGFBP-2) in orange-spotted grouper, Epinephelus coioides: Molecular characterization, expression profiles and regulation by 17β-estradiol in ovary Y.I. Kim, H.J. Kim, Y.M. Kwon, Y.J. Kang, I.H. Lee, 343 Modulation of MnSOD protein in response to different experimental stimulation B.R. Jin, Y.S. Han, H.M. Cheon, N.G. Ha and in Hyphantria cunea S.J. Seo Y. Kitani, M. Ishida, S. Ishizaki and 351 Discovery of serum L-amino acid oxidase in the rockfish Sebastes schlegeli: Y. Nagashima Isolation and biochemical characterization H. Shi, Q. Wang, Y. Wang, L. Leng, Q. Zhang, 357 Adipocyte fatty acid-binding protein: An important gene related to lipid Z. Shang and H. Li metabolism in chicken adipocytes L. Tacchi, R. Bickerdike, C.J. Secombes, Ubiquitin E3 ligase atrogin-1 (Fbox-32) in Atlantic salmon (Salmo salar): 364 N.J. Pooley, K.L. Urquhart, B. Collet and Sequence analysis, genomic structure and modulation of expression S.A.M. Martin M.P. Richards, M. Proszkowiec-Weglarz, 374 Effects of early neonatal development and delayed feeding immediately post-R.W. Rosebrough, J.P. McMurtry and R. Angel hatch on the hepatic lipogenic program in broiler chicks M. Maeda, T. Honma and K. Shiomi 389 Isolation and cDNA cloning of type 2 sodium channel peptide toxins from three species of sea anemones (Cryptodendrum adhaesivum, Heterodactyla hemprichii and Thalassianthus aster) belonging to the family Thalassianthidae L. Rojo, R. Sotelo-Mundo, F. García-Carreño 394 Isolation, biochemical characterization, and molecular modeling of American and L. Gráf lobster digestive cathepsin D1 H. Nobusue, D. Kondo, M. Yamamoto and 401 Effects of lysophosphatidic acid on the in vitro proliferation and differentiation K. Kano of a novel porcine preadipocyte cell line L. Freites, N. García, L. Troccoli, 408 Influence of environmental variables and reproduction on the gonadal fatty acid A.N. Maeda-Martínez and profile of tropical scallop Nodipecten nodosus M.J. Fernández-Reiriz L. Zhang, T. Zhu, D. Lin, Y. Zhang and W. Zhang 415 A second form of Sox11 homologue identified in the orange-spotted grouper Epinephelus coioides: Analysis of sequence and mRNA expression patterns A.N. Evans, T. Henning, J. Gelsleichter and 423 Molecular classification of an elasmobranch angiotensin receptor: Quantification of angiotensin receptor and natriuretic peptide receptor mRNAs in saltwater and **B.S.** Nunez freshwater populations of the Atlantic stingray Contents of Volume 157 I IV Subject Index VI **Author Index**

SUBJECT INDEX

Vol. 157, Nos. 4

17B-estradiol, 198, 336

3T3-L1 cells, 46

Acrididae, 267 Acrosin, 127 Adipocyte, 401 Adipogenesis, 46 A-FABP, 357 Alginate, 317 Alginate lyase, 317 Allosteric inhibition, 294 Altitude, 301

Amino acid metabolism, 310 Amino acid sequence, 102

Amino acid sequence, 102 AMP, 294 Amphibians, 294 Angiotensin receptor, 423 Antarctic fish, 145 Antibacterial peptide, 119 Antibacterial protein, 351 Antioxidant enzyme, 343 Antioxidant protection, 288 Aplysia kurodai, 317 Arthropod, 102

Ascidian, 205 Aspartic endopeptidase BYC, 326 Aspartic proteinase, 394 Atlantic salmon, 364 Atrogin-1, 248, 364 Atrophy, 248

β-1,4-mannanase, 137 Bacterial lipopolysaccharide (LPS), 238 Biochemical adaptation, 145 Bird, 113 BmCL1, 326 Projler chicken, 374

BmCL1, 326 Broiler chicken, 374 Brown adipose tissue, 301 Brown seaweed, 317

Autophagy, 258

Calcium ions, 294
Calcium-binding protein, 220
Carnitine palmitoyltransferase 1, 189
Carotenoprotein, 66
Cathepsin D, 394
Cathepsin S, 238
cDNA, 88, 102, 127
cDNA cloning, 336
Cellulase, 26, 267
Chicken, 281, 357
Chlamys farreri, 182
Chondroitin sulfate, 205

Cinnamon clownfish, 198

Cloning, 88
Cloning and purification, 229
Coelomic cells, 175
Cold-adapted enzyme, 26
Cold-water adaptation, 145
Common carp, 220
Cost mitigation, 80
Crustacea, 88
Crustacean, 102

Cryptodendrum adhaesivum, 389

Cu/ZnSOD, 343 Cyclic GMP, 33

Cysteine endopeptidase, 326

Cytochrome P450-steroid hydroxylase, 33

Dermatan sulfate, 205 Development, 205 Differential display, 102 Differentiation, 401

Diffusion-limited reactions, 145 Digestive, 394 Digestive enzymes, 80 Digestive fluid, 267

DNA sequence, 102 Dugesia japonica, 54

Dugesia japonica, 54 Dysdercus peruvianus, 1

E3 ubiquitin ligase, 364 Early development, 288

Early post-hatch development, 374

Earthworm, 26

Ecdysone 20-monooxygenase, 33

Egg, 113

Elasmobranch, 423 Electron microscopy, 16

Electron microscopy, 16 Embryo, 205 Embryogenesis, 415 Endocrine disruptor, 102 Endoglucanase, 267 Endosulfan, 102 Epidermal cells, 54 Eninephelus coioides, 336

Epinephelus coioides, 336, 415 Estrogen receptor, 198 Expression profile, 182

Fatty acids, 408 Feeding, 374 Fiber type, 88 Fish, 248 Fitness cost, 80 FoxO3, 258

Fructose-1,6-bisphophatase, 294 Fructose-2,6-bisphophate, 294 Fucose, 66 Functional units, 16

Gastropod, 66, 137, 317 Gene cloning, 182

Gene expression, 102, 159, 167, 273, 281,

374

Germ cells, 159

GLUT, 1

Glutathione S-transferase, 238 Glycosaminoglycan, 205 Gram-positive bacteria, 119

Grass carp, 159 Grasshopper, 267

Ground squirrel hibernation, 310

Growth, 288

Hatching asynchrony, 288
Heat exposure, 281
Helix lucorum, 16
Hemocyanin, 16
Hemocyte, 119
Hemoglobin, 326
Hepatopancreas, 102
Heterodactyla hemprichii, 389
HIF-1α, 273

HIF-2α, 273 Homarus americanus, 88 Humoral fluid, 54 Hydrogen peroxide, 351 Hyphantria cunea, 343

Hypoxia, 273 IGF1, 258

Indoleamine 2,3-dioxygenase 2, 10

Inhibitor selectivity, 10 Innate immunity, 351 Inosine, 175 Insect diapause, 73 Insecticide resistance, 80

Insulin-like growth factor binding protein-

2, 336 Isoform, 88 Isoforms, 16 Isozyme, 294

Japanese flounder (Paralichthys olivaceus), 59

L-Amino acid oxidase, 351 Lipid accumulation, 357 Lipid metabolism, 374 Lipogenesis, 374 Lipolysis, 357 Liver, 213, 374 Lobster, 88 Locust bean gum, 137 LPA, 401

Manduca sexta, 33
Mannan, 137
Mannooligosaccharide, 137
Marine-derived tocopherol, 145
Megalobrama amblycephala, 273
Metabolic rate depression, 310
Metabolism, 39
Methionine rich hexamerin, 229
Microarray, 374
Midgut, 33
MnSOD, 343
Mollusks, 137
Motility, 39
mRNA, 102

mRNA expression, 189, 238, 336, 415 Multienzyme complex, 26 Muscle, 88, 258, 294 Muscle metabolism, 281 Mussel, 119 Myofibrillar protein, 88

Natriuretic peptide receptor, 423 Natriuretic peptides, 423 Nereis virens, 175 Neurogenesis, 415 Nodipecten nodosus, 408 Non-shivering thermogenesis, 301 Notochord, 205 Nucleosides, 175

Olive flounder (*Paralichthys olivaceus*), 238 Oncorhynchus mykiss, 213 Orange-spotted grouper, 415 Orthoptera, 267 Osmoregulation, 423 Ovary, 102 Ovorubin, 66 Oxygen consumption, 301

Palmitoleic acid, 73
Pandalopsis japonica, 102
Parvalbumin-like protein, 220
Pelophylax esculentus, 294
Peroxisome proliferator-activated receptors, 189
Pesticide, 102
Pharyngeal epithelium, 54
Phenoloxidase, 54
Pheromone, 175
Phosphoprotein staining, 310
Photoperiod, 167

Phylogenetics, 189
Phytohaemagglutinin, 288
PL-14, 317
Polychaetes, 175
Porcine, 401
Potassium channel subfamily K member 10, 46
PPAR gamma co-activator 1α, 301
Preadipocyte, 401
Proliferation, 401
Proteasome, 364
Protein, 213
Protein degradation, 248, 364
Proteolysis, 258
Pyrethroid, 80

Quantitative trait loci, 46

Rapid amplification of cDNA ends (RACE), 229
Reactive oxygen species, 343
Regulation, 336
Reninangiotensin system, 423
Reproduction, 102, 175, 408
Reptile, 113
Retinal, 113
Retinoid, 113
Retinoid, 113
Reversible protein phosphorylation, 310
Rhipicephalus (Boophilus) microplus, 326
RMLCE, 326
RNA helicase, 159
Rockfish Sebastes schlegeli, 351
RT-PCR, 59

S. senegalensis, 167 Salmonid, 248 Scalarin, 66 Scallop, 408 Sea anemone, 389 Sea bream, 39 Sea hare, 137 Second messenger, 33 Selenium-dependent glutathione peroxidase, 182 Semen, 39, 127 Seminal plasma, 220 Serine dehydratase, 213 Serum, 351 Sex change, 198 SGLT, 1 Short-hairpin RNA, 46 Shrimp, 102 Sialic acid, 66

Signaling, 281 Sodium channel peptide toxin, 389

Sibling competition, 288

sox11, 415
Sparus aurata, 39
Sparus aurata (Gilthead sea bream), 189
Spermatozoa, 39, 220
Spermophilus richardsonii, 310
Starvation, 248
Storage lipids, 73
Stress, 343
Structure modeling, 394
Substrate specificity, 10
Sugar absorption, 1
Sulfotransferase, 205
Superoxide dismutase, 343
Synergistic effect, 294

Thalassianthus aster, 389
Theromacin, 119
Thyroid hormones, 167
Thyrotropin-releasing hormone, 167
Tick, 326
Tissue distribution, 88, 102
Tissue expression, 59
Trade-off, 288
Triacylglycerols, 73
Troponin-C, 88
Trout, 258
Tryptophan degradation, 10
Turkey, 127
Type II interleukin-1 receptor, 59
Tyrosine aminotransferase, 213

Ubiquitin ligase, 248 Uncoupling protein, 301 Unsaturated fatty acids, 73 Upwelling season, 408 Uric acid, 288

Vasa, 159 Viability, 39 Vibrio anguillarum, 59 Vitamin A, 113 Vitamin E, 145 Vitellin, 102, 326 Vitellogenin, 102, 198

Water absorption, 1 White muscle, 213

Yolk protein, 113

AUTHOR INDEX

Vol. 157B, Nos. 1-4

Ann, S.J., 238
Alegria, T.G.P., 1
Angel, R., 374
Asano, M., 46
Austin, C.J.D., 10

Baek, H.-J., 102 Ball, H.J., 10 Beaudry, J.L., 301 Bell, R.A.V., 310 Bergamo Estrela, A., 326 Berri, C., 281 Bickerdike, R., 364 Bifano, T.D., 1 Bilińska, B., 220 Boetel, M.A., 73 Boukouvala, E., 189

Boussaid-Om Ezzine, S., 281

Buckner, J.S., 73

Caberlotto, S., 39
Cañavate, J.P., 167
Chai, Y., 119
Chao, E., 88
Chauvin, C., 258
Chen, W., 336
Chen, X.-H., 159
Cheng, B.-L., 159
Cheon, H.M., 343
Chirumamilla, A., 73
Choi, C.Y., 198
Chung, J.K., 238
Ciereszko, A., 127, 220
Cleveland, B.M., 248

Collet, B., 364

Collin, A., 281

Cong, M., 182

Damara, M., 229
De La Higuera, M., 213
de Oliveira Nunes Teixeira, V., 326
Dias, K., 258
Dietrich, M.A., 220
Dimitrov, I., 16
Dolashka-Angelova, P., 16
Dreon, M.S., 66
Drummond, C.A., 33
Dunlap, W.C., 145
Dutta-Gupta, A., 229
Dziewulska-Szwajkowska, D., 294

Evans, A.N., 423 Evenhuis, J.P., 248 Everaert, N., 281

Dżugaj, A., 294

Fan, Y., 59
Fatland, C.L., 73
Favre-Krey, L., 189
Fernández, P.E., 66
Fernández-Reiriz, M.J., 408
Fioravanti, C.F., 33
Freites, L., 408
Fujisawa, A., 145
Fujiwara, S., 205

Gan, F., 159
García, N., 408
García-Carreño, F., 394
Geier, G., 175
Gelsleichter, J., 423
Goto, T., 26
Gráf, L., 394
Guedes, R.N.C., 80
Gutierrez, J., 258

Ha, N.G., 343 Han, Y.S., 343 Henning, T., 423 Heras, H., 66 Hoeger, U., 175 Honma, T., 389 Hörak, P., 288 Hunt, N.H., 10

Imagawa, M., 46 Infante, C., 167 Inoue, A., 137, 317 Inouye, K., 26 Irie, T., 113 Ishida, M., 351 Ishizaki, S., 351 Ituarte, S., 66 Iziga, R., 167

Jeon, J.-M., 102 Jiang, X.-Y., 273 Jiang, Y., 54 Jin, B.R., 343 Jin, D.-H., 198 Joubert, R., 281 Jurat-Fuentes, J.L., 267

Kang, Y.J., 343 Kano, K., 401 Karol, H., 220 Kaushik, S., 258 Kil, G.-S., 198 Kilgas, P., 288 Kim, H.J., 343 Kim, H.-W., 88, 102 Kim, I.-K., 102 Kim, J.K., 238 Kim, K.S., 102 Kim, M.-S., 238 Kim, N.N., 198 Kim, N.Y., 238 Kim, S., 102 Kim, Y.I., 343 Kitani, Y., 351 Klingeman, W.E., 267 Kobayashi, E., 46 Kondo, D., 401 Kotula-Balak, M., 220 Krey, G., 189 Kuba, J., 220 Külavee, R., 288 Kwon, Y.M., 343

Lahnsteiner, F., 39 Leaver, M.J., 189 Lee, A.R., 238 Lee, H.H., 238 Lee, I.H., 343 Lee, I., 198 Lee, S.-O., 102 Leng, L., 357 Li, C.-J., 159 Li, H., 357 Li, L., 182 Li, S., 59 Li, W., 336 Lin, D., 415 Lin, H., 336 Liszewska, E., 127 Liu, L., 159 Liu, X., 54 Lupiáñez, J.A., 213

Maeda, M., 389
Maeda-Martínez, A.N., 408
Manchado, M., 167
Mänd, R., 288
Mansour, N., 39
Martin, S.A.M., 364
McClelland, G.B., 301
McMurtry, J.P., 374
Métayer-Coustard, S., 281
Miyatake, K., 26
Mu, C., 182
Mykles, D.L., 88, 102

Nagashima, Y., 351 Nakamura, J., 205 Nakazawa, M., 26 Ni, D., 182 Nie, M., 54 Nishizuka, M., 46 Nobusue, H., 401 Nunez, B.S., 423 Nynca, J., 220

Ohtake, T., 46 Ojima, T., 137, 317 Olczak, M., 127 Oliveira, M.G.A., 80 Oppert, B., 267 Oppert, C., 267

Pang, Q., 54
Panserat, S., 258
Pasquevich, M.Y., 66
Peragón, J., 213
Pereira, E.J.G., 80
Pinto, A.F.M., 326
Ponce, M., 167
Pooley, N.J., 364
Proszkowiec-Weglarz, M., 374
Pu, J.-W., 273

Qi, J., 59 Qiu, L., 182

Rahman, M.M., 137, 317 Rebordinos, L., 167 Reis, A.P., 80 Richards, M.P., 374 Rideau, N., 281 Rojo, L., 394 Rosebrough, R.W., 374

Sakaguchi, M., 26 Saks, L., 288 Salmerón, C., 258 Salvato, B., 16 Sato, S., 46 Schwarz, H., 16 Secombes, C.J., 364 Seiliez, I., 258 Seixas, A., 326 Seki, T., 113 Senoo, H., 113 Seo, J.S., 238 Seo, S.J., 343 Shang, Z., 357 Shen, R.-J., 273 Shi, H., 357 Shiomi, K., 389 Silva, L.B., 80 Skiba-Cassy, S., 258 Smith, S.L., 33 Song, L., 182 Sotelo-Mundo, R., 394 Słowinska, M., 127 Stevanovic, S., 16 Storey, K.B., 310 Su, F., 54 Sugimoto, T., 113 Sun, H., 54

Tacchi, L., 364
Tanaka, H., 137, 317
Temim, S., 281
Termignoni, C., 326
Terra, W.R., 1
Tesseraud, S., 258, 281
Tetsukawa, A., 205
Theodoridou, M., 189
Tilgar, V., 288
Troccoli, L., 408

Ueda, M., 26 Ueki, N., 113 Urquhart, K.L., 364 Vandock, K.P., 33 Velkova, L., 16 Voelter, W., 16

Wang, G., 119 Wang, L., 182 Wang, Q., 357 Wang, Y., 336, 357 Watorek, W., 127 Willis, J.D., 267

Xiao, Z., 119 Xu, Q., 119

Yamamoto, M., 401 Yamamoto, Y., 145 Yocum, G.D., 73 Yuan, H., 119 Yuasa, H.J., 10

Zahura, U.A., 137 Zeng, L., 59 Zhang, H., 182 Zhang, L., 415 Zhang, M., 54 Zhang, Q., 59, 357 Zhang, T., 159 Zhang, W., 415 Zhang, X., 54 Zhang, Y., 415 Zhao, B., 54 Zhao, J., 182 Zhong, Q., 59 Zhu, T., 415 Zou, S.-M., 273